

1404-02ADB/1102-05A 荷载传感器 求实信念

产品名称	1404-02ADB/1102-05A 荷载传感器 求实信念
公司名称	上海持承自动化设备有限公司
价格	841.00/件
规格参数	PCB:1404-02ADB PCB:1102-05A 美国:USA
公司地址	上海市金山区吕巷镇干巷荣昌路318号3幢1018室
联系电话	021-59112701 13671506557

产品详情

1404-02ADB/1102-05A 荷载传感器 求实信念

1404-02ADB Dual bridge load cell, fatigue rated low profile, 12.5k lbs FS, 1 1/4 - 12 (F) thd, PT conn. Specifically designed for airframe structural, lifetime and fatigue testing applications on wings, fuselage, landing gear, iron bird and other airframe components. Series 1400 includes a dual output feature that offers sensor redundancy and the ability to provide control feedback from one output while the other is used for data acquisition A2LA accredited calibration to ISO 17025 in both tension and compression directions Fatigue rated load cells are guaranteed for 100 million fully-reversed cycles Thermally compensated Moment compensated A single shunt calibration resistor is provided with each load cell for ease of calibration at the test site Measurement Range: 12.5 klb (56 kN) Size - Diameter: 6.06 in (153.90 mm) Size - Height: 3.50 in (88.90 mm) Electrical Connector: PT02E-10-6P

Performance

Measurement Range (100 x 10⁶ cycles) 12.5 klb

Sensitivity (± 10 %) 2.0 mV/V

Non-Linearity 0.05 % FS

Hysteresis 0.05 % FS

Non-Repeatability	0.02 %RO
Creep (in 20 minutes)	0.025 %
Static Error Band	0.05 % FS
Eccentric Load Sensitivity	0.1 %/in
Resonant Frequency	12 kHz
Side Load Sensitivity	0.1 %/in
Environmental Overload Limit	37.5 klb
Load Limit (Side Force, FX or FY)	10 klb
Load Limit (Bending Moment, MX or MY)	10k in-lb
Load Limit (Axial Torque, MZ)	10k in-lb
Temperature Range (Operating)	-65 to +200 ° F
Temperature Range (Compensated)	+15 to +115 ° F
Temperature Effect on Output (Maximum)	± 0.0008 %Reading/ ° F

Temperature Effect on Zero Balance (Maximum)	$\pm 0.0008 \%FS/ ^\circ F$
Electrical Bridge Resistance	350 Ohm
Excitation Voltage (Recommended)	10 VDC
Insulation Resistance	>5k GOhm
Zero Balance	1 %RO
Output Polarity	+Tension
Physical Size - Height	3.50 in
Size - Diameter	6.06 in
Weight	21 lb
Mounting Thread	1 1/4 - 12 UNF-3B
Sensing Element	Strain Gage
Mounting Torque	1400 in-lb

Deflection at Full Scale Capacity 0.001 in

Electrical Connector PT02E-10-6P (2)

1102-05APCB L&T Canister load cell, 25 lbf (111 N) rated capacity, 50% static overload protection, 2mV/V output, 1/4-28 UNF-2B threads, PT02E-10-6P connector, aluminum construction Measurement Range: 25 lb (111 N) Size - Diameter: 2.75 in (69.9 mm) Size - Height: 1.50 in (38.1 mm) Electrical Connector: PT02E-10-6P

Performance

Measurement Range 25 lb

Sensitivity (± 10 %) 2 mV/V

Non-Linearity 0.05 % FS

Hysteresis 0.05 % FS

Non-Repeatability 0.02 %RO

Creep (in 20 minutes) .025 %

Static Error Band .05 % FS

Eccentric Load Sensitivity .25 %/in

Resonant Frequency 2.10 kHz

Environmental Overload Limit	37.5 lb
Load Limit (Side Force, FX or FY)	25 lb
Load Limit (Bnding Moment, MX or MY)	25 in-lb
Load Limit (Axial Torque, MZ)	35 in-lb
Temperature Range (Operating)	-65 to +200 ° F
Temperature Range (Compensated)	+70 to +170 ° F
Temperature Effect on Output (Maximum)	± 0.0015 %Reading/ ° F
Temperature Effect on Zero Balance (Maximum)	± 0.0008 %FS/ ° F
Electrical Bridge Resistance	700 Ohm
Excitation Voltage (Recommended)	10 VDC
Insulation Resistance	5000000000 Ohm
Zero Balance	1 % FS
Output Polarity	+Tension

Physical Size - Height	1.50 in
Size - Diameter	2.75 in
Weight	0.67 lb
Mounting Thread	1/4-28 Female
Housing Material	Painted Aluminum
Sensing Element	Strain Gage
Deflection at Full Scale Capacity	0.003 in
Electrical Connector	PT02E-10-6P

我们的地址：上海市金山区吕巷镇干巷荣昌路318号3幢1018室电话：021-59112701联系手机：13671506557
期待您的咨询